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1 Collaborative document monitoring

 Natalie Gance, Jean-Luc Meunier, Pierre Bernard, Damián Arregui
 September 2001 GROUP '01: Proceedings of the 2001 International ACM SIGGROUP
 Conference on Supporting Group Work

Publisher: ACM

Full text available: Pdf (449.24 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 26, Citation Count: 2

In this paper we present a second generation URL monitoring tool which enables the collaborative evaluation of URL content changes. In our implementation, a document monitoring agent works alongside a recommender system. Using information provided by ...

Keyw ords: URL monitoring agent, WWW, recommender system

2 Boosting for document routing

 Raj D. Iyer, David D. Lewis, Robert E. Schapire, Yoram Singer, Amit Singhal
 November 2000 CIKM '00: Proceedings of the ninth international conference on Information
 and knowledge management

Publisher: ACM

Full text available: Pdf (263.57 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 50, Citation Count: 8

Keyw ords: boosting, ranking, routing, supervised learning, text representation

3 Integrating the document object model with hyperlinks for enhanced topic distillation and information extraction

 Soumen Chakrabarti
 April 2001 WWW '01: Proceedings of the 10th international conference on World Wide Web
 Publisher: ACM
Full text available: Pdf (369.63 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 85, Citation Count: 30

 Keyw ords: document object model, minimum description length principle, segmentation,
 topic distillation

Ads by Google


 Massa Ultrasonic
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 and Automation
 Applications
[www.massa.com](#)

Document-based inter-organizational information exchange

Reinhard Riedl

October 2001 SI GDOC '01: Proceedings of the 19th annual international conference on Computer documentation

Publisher: ACM

Full text available:  Pdf (217.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 45, Citation Count: 0

In this paper, we present our research work on document services for interstate e-government carried out in the FASME project. First, we depict the background for our research and we describe its basic challenges. Then we discuss the required services ...


Key words: e-government, inter-organizational work-flows

5 A reliable multicast framework for light-weight sessions and application level framing

Sally Floyd, Van Jacobson, Ching-Gung Liu, Steven McCanne, Lixia Zhang

December 1997 IEEE/ ACM Transactions on Networking (TON). Volume 5 Issue 6

Publisher: IEEE Press

Full text available:  Pdf (310.74 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 139, Citation Count: 109

Key words: Internetworking, computer network performance, computer networks

6 Hierarchical indexing and document matching in BoW

Maayan Geffert, Dror G. Feitelson

January 2001 JCDL '01: Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available:  Pdf (434.24 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 25, Citation Count: 1


BoW is an on-line bibliographical repository based on a hierarchical concept index to which entries are linked. Searching in the repository should therefore return matching topics from the hierarchy, rather than just a list of entries. Likewise, when ...

7 The OODB path-method generator (PMG) using access weights and precomputed access relevance

Ashish Mehta, James Geller, Yehoshua Perl, Erich Neuhold

February 1998 The VLDB Journal — The International Journal on Very Large Data Bases. Volume 7 Issue 1

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (265.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)



Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 16, Citation Count: 1



A *path-method* is used as a mechanism in object-oriented databases (OODBs) to retrieve or to update information relevant to one class that is not stored with that class but with some other class. A path-method is a method which traverses from one ...

Key words: Access relevance, Access weight, OODB queries, Object-oriented databases, Path-method, Traversal algorithms



8 Contention in balancing networks resolved (extended abstract)



Leonidas Hadjimitsis, Marios Mavronicolas



-  June 1998 PODC '98: Proceedings of the seventeenth annual ACM symposium on Principles of distributed computing
 Publisher: ACM
 Full text available:  Pdf (1.02 MB) Additional Information: [full citation](#), [references](#), [index terms](#)
 Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 4, Citation Count: 0

- 9 [A scrollbar-based visualization for document navigation](#)
 Donald Byrd
 August 1999 DL '99: Proceedings of the fourth ACM conference on Digital libraries
 Publisher: ACM
 Full text available:  Pdf (147.48 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)
 Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 79, Citation Count: 10

Keyw ords: GUI, digital libraries, information retrieval, scrollbar, systems, user interface, user study, visualization

- 10 [The effect of accessing nonmatching documents on relevance feedback](#)
 Mark D. Dunlop
 April 1997 ACM Transactions on Information Systems (TOIS), Volume 15 Issue 2
 Publisher: ACM
 Full text available:  Pdf (482.04 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)
 Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 52, Citation Count: 10
 Traditional information retrieval (IR) systems only allow users access to documents that match their current query, and therefore, users can only give relevance feedback on matching documents (or those with a matching strength greater than a set threshold. ...
 Keyw ords: free-text information retrieval, hypertext, negative feedback, probabilistic model, relevance feedback, vector space model

- 11 [Efficient passage ranking for document databases](#)
 Marcin Kaszkiel, Justin Zobel, Ron Sacks-Davis
 October 1999 ACM Transactions on Information Systems (TOIS), Volume 17 Issue 4
 Publisher: ACM
 Full text available:  Pdf (328.98 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
 Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 83, Citation Count: 23
 Queries to text collections are resolved by ranking the documents in the collection and returning the highest-scoring documents to the user. An alternative retrieval method is to rank passages, that is, short fragments of documents, a strategy that can ...
 Keyw ords: inverted files, passage retrieval, query evaluation, text databases, text retrieval

- 12 [Robust annotation positioning in digital documents](#)
 A. J. Bernheim Brush, David Barger, Anoop Gupta, J. J. Cadiz
 March 2001 CHI '01: Proceedings of the SIGCHI conference on Human factors in computing systems
 Publisher: ACM
 Full text available:  Pdf (397.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)
 Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 109, Citation Count: 17

Increasingly, documents exist primarily in digital form. System designers have recently focused on making it easier to read digital documents, with annotation as an important new feature. But supporting annotation well is difficult because digital documents ...

Keyw ords: annotation, annotation system design, digital, documents, robust


13 [Document classification and recurrent neural networks](#)

Jennifer Farkas

November 1995 CASCION '95: Proceedings of the 1995 conference of the Centre for Advanced

Studies on Collaborative research

Publisher: IBM Press

Full text available:  Pdf (88.27 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 83, Citation Count: 1

The paper describes an automatic document classification system called *NeuroClass*, developed for the Air Transportation Field of Transport Canada. *NeuroClass* is a working classification tool for natural language text, based on recurrent ...

Keyw ords: Elman neural network, air transportation, dictionary, document classification, document processing, probability vector representation, recurrent neural network


14 [Active rules for XML: A new paradigm for E-services](#)

Angela Bonifati, Stefano Ceri, Stefano Paraboschi

August 2001 The VLDB Journal — The International Journal on Very Large Data Bases.

Volume 10 Issue 1

Publisher: Springer-Verlag New York, Inc.


Full text available:  Pdf (81.58 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 55, Citation Count: 11

XML is rapidly becoming one of the most widely adopted technologies for information exchange and representation. As the use of XML becomes more widespread, we foresee the development of active XML rules, i.e., rules explicitly designed for the management ...


Keyw ords: Active databases, Document management, Query languages for XML, XML, XSLT

15 [Bipartite graph partitioning and data clustering](#)

 Hongyuan Zha, Xiaofeng He, Chris Ding, Horst Simon, Ming Gu

October 2001 CI KM '01: Proceedings of the tenth international conference on Information and knowledge management

Publisher: ACM


Full text available:  Pdf (1.45 MB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 33, Downloads (12 Months): 267, Citation Count: 23

Many data types arising from data mining applications can be modeled as bipartite graphs, examples include terms and documents in a text corpus, customers and purchasing items in market basket analysis and reviewers and movies in a movie recommender ...


Keyw ords: bipartite graph, correspondence analysis, document clustering, graph partitioning, singular value decomposition, spectral relaxation

16 [Proximal nodes: a model to query document databases by content and structure](#)

 Gonzalo Navarro, Ricardo Baeza-Yates

October 1997 ACM Transactions on Information Systems (TOIS), Volume 15 Issue 4

Publisher: ACM


Full text available:  Pdf (550.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 100, Citation Count: 27

A model to query document databases by both their content and structure is presented. The goal is to obtain a query language that is expressive in practice while being efficiently implementable, features not present at the same time in previous work. ...

Keyw ords: expressivity and efficiency of query languages, hierarchical documents, structured text, text algebras

17 [Introducing a digital library reading appliance into a reading group](#)


 Catherine C. Marshall, Morgan N. Price, Gene Golovchinsky, Bill N. Schilit
August 1999 DL '99: Proceedings of the fourth ACM conference on Digital libraries
Publisher: ACM

Full text available:  Pdf (339.93 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 81, Citation Count: 15

Keyw ords: active reading, annotation, design, digital library, e-book, paper document metaphor, qualitative study, reading appliance, reference use, technology introduction

18 [Building searchable collections of enterprise speech data](#)

 James W. Cooper, Mahesh Viswanathan, Donna Byron, Margaret Chan
January 2001 JCDL '01: Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries
Publisher: ACM


Full text available:  Pdf (356.53 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 30, Citation Count: 0

We have applied speech recognition and text-mining technologies to a set of recorded outbound marketing calls and analyzed the results. Since speaker-independent speech recognition technology results in a significantly lower recognition rate than that ...

Keyw ords: document display, search, speech analysis, speech retrieval, text mining

19 [Perception of content, structure, and presentation changes in Web-based hypertext](#)

 Luis Francisco-Revilla, Frank M. Shipman, III, Richard Furuta, Unmil Karadkar, Avital Arora
September 2001 HYPERTEXT '01: Proceedings of the 12th ACM conference on Hypertext and Hypermedia
Publisher: ACM


Full text available:  Pdf (339.22 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 34, Citation Count: 3

The Web provides access to a wide variety of information but much of this information is fluid; it changes, moves, and occasionally disappears. Bookmarks, paths over Web pages, and catalogs like Yahoo! are examples of page collections that can become ...

Keyw ords: Walden's paths, fluid documents, managing fluid Web pages, meta-document, perception of change

20 [Fluid annotations in an open world](#)

 Polle T. Zellweger, Niels Olof Bouvin, Henning Jøhøj, Jock D. Mackinlay
September 2001 HYPERTEXT '01: Proceedings of the 12th ACM conference on Hypertext and Hypermedia
Publisher: ACM

Full text available:  Pdf (279.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 33, Citation Count: 10

Fluid Documents use animated typographical changes to provide a novel and appealing user experience for hypertext browsing and for viewing document annotations in context. This paper describes an effort to broaden the utility of Fluid Documents by using ...

Keyw ords: Arakne, fluid documents, open hypermedia, web augmentation with open hypermedia

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